

| Particulars                  | Details of actual measurement |   |   |   | Contents of area    |
|------------------------------|-------------------------------|---|---|---|---------------------|
|                              | No.                           | L | B | D |                     |
| BF = PS =                    |                               |   |   |   | 75,42,686 = 00      |
| LT - Total =                 |                               |   |   |   | 75,42,686 = 00      |
| Less 10% below 27,54,269 200 |                               |   |   |   | 08 Per B.O.G. rate. |
|                              |                               |   |   |   | = 67,88,417 = 00    |
| Less previous                |                               |   |   |   | (-) 35,000,00 = 00  |
| Paid Amt                     |                               |   |   |   |                     |
| Net PS =                     |                               |   |   |   | 32,88,417 = 00      |

Ramp  
30-07-20  
J.E.  
C&P  
3871900  
A.E.  
30/7/20

### Material Statement

- (1) Stone metal =  $104.07 m^3$
- (2) Stone chips =  $234.09 m^3$   
(Aggregate)
- (3) Stone dust =  $16.89 m^3$
- (4) Coarse sand =  $125.14 m^3$

Ramp  
30-07-20  
J.E.  
Continuation

4811730=00  
~~BR-P1 = 44,15,888=00~~  
 26

Sch. XLV-Form No. 134

| Particulars | Details of actual measurement |   |   |   | Contents of area |
|-------------|-------------------------------|---|---|---|------------------|
|             | No.                           | L | B | D |                  |

14) Providing & laying

R.C.C. WP-3 pipe - 1000mm

Ø - - - - - All c/p.

Qty vide Tm P-15 = 15.0m

① RS = 4111.20/m = RS = 61,668 = 00

15) Prime coat - Providing

and applying Prime coat

with bitumen emulsion -

- - - - - All comp. job -

Qty vide Tm P-20

= 3060.0m<sup>2</sup>

① RS = 55.0/m<sup>2</sup> = RS = 1,68,300 = 00

16) Tack coat - Providing

& applying Tack

- coat - - - - - All

comp. job -

Qty vide Tm P-20 = 3060.0m<sup>2</sup>

① RS = 18.46/m<sup>2</sup> = RS = 56,488 = 00

17) MSS - 20mm thick.

Providing, laying &

rolling MSS - 20mm

thick - - - - - All

Qty vide Tm P-21

= 3060.0m<sup>2</sup>

① RS = 234.40/m<sup>2</sup> = RS = 7,17,264 = 00

18) Construction of

P.C.C. M30 grade

of concrete - - - - - All

Qty vide Tm P-22 = 260.0m<sup>3</sup>

① RS = 6640.66/m<sup>3</sup> = RS = 17,27,236 = 00

① RS = 75,42,626 = 00

| Particulars | Details of actual measurement |   |   |   | Contents of area            |
|-------------|-------------------------------|---|---|---|-----------------------------|
|             | No.                           | L | B | D |                             |
|             |                               |   |   |   | $2888.946 = 00$             |
|             |                               |   |   |   | $BF = PS = 241,93,104 = 00$ |

<10> Providing, laying

25 spreading & comp. Hvy.

W/BM - 100 - 3 - -

- - - - All up.

Qty vide TMBP-14 = 281.25 m<sup>3</sup>

Qty vide TMBP-19 = 70.395 m<sup>3</sup>

= 351.645 m<sup>3</sup>

Limit = 351.42 m<sup>3</sup>

@ PS =

@ PS = 4040.72 / m<sup>3</sup> PS = 14,19,380 = 00

<11> Earth work in excavation

in foundation trench - -

- - - All up. sub.

Qty vide TMBP-15 = 59.60 m<sup>3</sup>

@ PS = 285.71 / m<sup>3</sup> = PS = 170283 = 00

<12> Providing MIS for

leveling course - - -

- - - All up. sub.

Qty vide TMBP-15 = 9.20 m<sup>3</sup>

@ PS = 5481.57 / m<sup>3</sup> = PS = 50430 = 00

<13> P.C.C in Substructure

in 1700 grade - -

- - - All up.

Qty vide TMBP-15 = 67.32 m<sup>3</sup>

@ PS = 6466.81 / m<sup>3</sup> = PS = 4,35,346 = 00

@ PS = 74415,888 = 00

@ PS = 48,11,730 = 00

Continuation

| Particulars | Details of actual measurement |   |   |   | Contents of area |
|-------------|-------------------------------|---|---|---|------------------|
|             | No.                           | L | B | D |                  |

$$BF = PS = 3,11,232 = \infty$$

<6> Construction of sub-

grade - - Do - - All

Comp - 206

$$Qty \text{ wide Tmp } P-3 = 2238.75 m^3$$

$$Qty \text{ wide Tmp } P-18 = 81.0 m^3$$

$$= 2319.75 m^3$$

$$@ PS = 189.60/m^3 = PS = 439,824 = \infty$$

$$= 4,39,824 = \infty$$

<7> Providing & laying

R.C.C. 200mm  $\phi$  pipe

- - Do - All Comp 206

$$Qty \text{ wide Tmp } P-14 = 30.0 m$$

$$@ PS = 971.01/m = PS = 29,130 = \infty$$

<8> Providing & fixing

mm lorry logo board

- - Do - All cut

$$Qty \text{ wide Tmp } P-14 = 3.0 Nos.$$

$$@ 10034.90/each = PS = 30,104 = \infty$$

<9> Construction of U.S.D

Unbracketing - I materials

- - Do - All cut

$$Qty \text{ wide Tmp } P-800 = 805 m^3$$

$$Qty \text{ wide Tmp } P-18 = 22.50 m^3$$

$$Total = 823.305 m^3$$

$$@ PS = 2524.77/m^3 = PS = 20,78,656 = \infty$$

$$Co - PS = 24,93,104 = \infty$$

$$Co - PS = 28,88,946 = \infty$$

Continuation

| Particulars | Details of actual measurement |   |   |   | Contents of area |
|-------------|-------------------------------|---|---|---|------------------|
|             | No.                           | L | B | D |                  |

## ABSTRACT OF COST

(1) Providing & Fixing  
Setting out pillar

- D - All up

Qty vide TMB P-13 = 2.0 Nos.

@ RS = 4120524/Each = RS = 8410 = ∞

(2) Providing & Fixing of  
Working bench marks.

Reference pillar - D - All

Qty vide TMB P-13 = 4.0 Nos.

@ RS = 1914.67/Each = RS = 7658 = ∞

(3) Clearing & Grubbing  
Road level - D - All

Qty vide TMB P-13 = 0.8155 Hec.

Qty vide TMB P-18 = 0.0420 Hec.

Total = 0.86 Hec.

@ RS = 49739.47/Hec = RS = 42776 = ∞

(4) Construction of embankment for (1000 m level)

- D - All comp. soil.

Qty vide TMB P-13 = 7413.0 m<sup>3</sup>

@ RS = 18723/m<sup>3</sup> = RS = 139,114 = ∞

(5) Construction of embankment for (100 m level)

- D - All comp. soil.

Qty vide TMB P-13 = 354.515 m<sup>3</sup>

@ RS = 13256/m<sup>3</sup> = RS = 1,13,274 = ∞

Total RS = 3,11,232 = ∞

Continuation

| Particulars                 | Details of actual measurement |   |   |   | Contents of area                |
|-----------------------------|-------------------------------|---|---|---|---------------------------------|
|                             | No.                           | L | B | D |                                 |
|                             |                               |   |   |   | Date of measurement<br>14.04.20 |
| ① Prime coat (low porosity) |                               |   |   |   |                                 |
| ② Providing and applying    |                               |   |   |   |                                 |
| prime coat with bitu-       |                               |   |   |   |                                 |
| men emulsion - 2.5%         |                               |   |   |   |                                 |
| 6 No x 30.0 x 3.75 =        |                               |   |   |   | 675.0 m <sup>2</sup>            |
| 1 No x 20.0 x 3.75 =        |                               |   |   |   | 75.0 m <sup>2</sup>             |
| 4 No x 30.0 x 3.75 =        |                               |   |   |   | 450.0 m <sup>2</sup>            |
| 1 No x 16.0 x 3.75 =        |                               |   |   |   | 60.0 m <sup>2</sup>             |
| 8 No x 30.0 x 3.75 =        |                               |   |   |   | 900.0 m <sup>2</sup>            |
| 1 No x 14.0 x 3.75 =        |                               |   |   |   | 52.5 m <sup>2</sup>             |
| 7 No x 30.0 x 3.75 =        |                               |   |   |   | 787.5 m <sup>2</sup>            |
| For extra width             |                               |   |   |   |                                 |
| Transition                  |                               |   |   |   |                                 |
| 16.0 x (5.0 - 3.75) + 100 = |                               |   |   |   | 221.60 m <sup>2</sup>           |

|                                  |  |  |  |  |                          |
|----------------------------------|--|--|--|--|--------------------------|
| Curve - 1 =                      |  |  |  |  |                          |
| 15.0 x 2 x (5.0 - 3.75) + 100 =  |  |  |  |  | 187.5 m <sup>2</sup>     |
| Curve - 2                        |  |  |  |  |                          |
| 16.0 x 2 x (4.90 - 3.75) + 100 = |  |  |  |  | 18.40 m <sup>2</sup>     |
| As per slip                      |  |  |  |  |                          |
| 3.0 x 1.50 =                     |  |  |  |  | 4.50 m <sup>2</sup>      |
|                                  |  |  |  |  | = 3063.25 m <sup>2</sup> |
| Scy. limitity                    |  |  |  |  | 3060.0 m <sup>2</sup>    |

|                       |  |  |  |  |                         |
|-----------------------|--|--|--|--|-------------------------|
| ② Tack coat providing |  |  |  |  |                         |
| ③ Applying Tack       |  |  |  |  |                         |
| coat - 2.5% - 100     |  |  |  |  |                         |
| Qty of TMS R-20 wide  |  |  |  |  |                         |
| Items No. ① Same      |  |  |  |  |                         |
| As Same               |  |  |  |  | = 3060.0 m <sup>2</sup> |

Continuation

| Particulars                                                             | Details of actual measurement |   |   |   | Contents of area                  |
|-------------------------------------------------------------------------|-------------------------------|---|---|---|-----------------------------------|
|                                                                         | No.                           | L | B | D |                                   |
|                                                                         |                               |   |   |   | Date of measurement<br>05-08-20   |
| 1. INBM-lm-3 -                                                          |                               |   |   |   |                                   |
| 7/Providing, laying,                                                    |                               |   |   |   |                                   |
| Spreading & compacting                                                  |                               |   |   |   |                                   |
| of INBM-lm-3                                                            |                               |   |   |   |                                   |
| - 200 - All in place                                                    |                               |   |   |   |                                   |
| $7 \text{ No} \times 30.0 \times 3.75 \times 0.075 = 59.06 \text{ m}^3$ |                               |   |   |   |                                   |
| $1 \text{ No} \times 15.0 \times 3.75 \times 0.075 = 4.21 \text{ m}^3$  |                               |   |   |   |                                   |
| for exposure walling on                                                 |                               |   |   |   |                                   |
| Curve-1                                                                 |                               |   |   |   |                                   |
| Front-surface                                                           |                               |   |   |   |                                   |
| $\frac{6.0 \times (5.0 + 3.75) + 0.0}{2} \times 0.075$                  |                               |   |   |   |                                   |
|                                                                         |                               |   |   |   | $= 0.81 \text{ m}^3$              |
| Curve-2                                                                 |                               |   |   |   |                                   |
| $15.0 \times 2 \times (5.0 - 3.75) + 0.0 \times 0.075$                  |                               |   |   |   |                                   |
|                                                                         |                               |   |   |   | $= 1.40 \text{ m}^3$              |
| Curve-2                                                                 |                               |   |   |   |                                   |
| $12.0 \times 2.0 \times (4.90 - 3.75) \times 0.075$                     |                               |   |   |   |                                   |
|                                                                         |                               |   |   |   | $= 1.035 \text{ m}^3$             |
| Exposure walling                                                        |                               |   |   |   |                                   |
| $6.0 \times (5.0 + 3.0) \times 0.075 = 1.80 \text{ m}^3$                |                               |   |   |   |                                   |
| Exposure slope                                                          |                               |   |   |   |                                   |
| $2.0 \times (1.0 + 1.60) \times 0.075 = 0.195 \text{ m}^3$              |                               |   |   |   |                                   |
| $3.0 \times (4.0 + 1.20) \times 0.075 = 0.585 \text{ m}^3$              |                               |   |   |   |                                   |
| for End. Ret                                                            |                               |   |   |   |                                   |
| $12.0 \times (5.20 - 3.75) + 0.0 \times 0.075 = 1.30 \text{ m}^3$       |                               |   |   |   |                                   |
|                                                                         |                               |   |   |   |                                   |
|                                                                         |                               |   |   |   | Total Qty = 70.395 m <sup>3</sup> |

Ran  
05-08-20  
J.E

Continuation

5/7/2020  
AB

| Particulars | Details of actual measurement |   |   |   | Contents of area |
|-------------|-------------------------------|---|---|---|------------------|
|             | No.                           | L | B | D |                  |

3rd & 4th Bill

Name of work - Const  
-uction of Road from  
Jangl bigha to

Imamganj  
Name of Agency - Ram Nand-  
-an Singh Karama Road,  
Aurangabad.

Agreement No - 47 SBD/2019-20

Date of work start - 22-11-19

Date of completion - 21-11-20

Date of measurement

28-06-20

(1/2) Cleaning & leveling  
Road land - - -

- - - All up.

Qty wide T.M.B.P.

$$2 \times 2 \text{ No} \times 30.0 \times 3.50 = 420 \text{ m}^2$$

$$\frac{420}{28/6/20} = 0.0420 \text{ Hec}$$

(2/3) Construction of Sub-  
-grade and earthen

Shoulder - - -

$$2 \text{ No} \times 30.0 \times \frac{(5.0 + 4.0)}{2} \times 0.300 = 81 \text{ m}^3$$

(3/6) Construction of G.S.N

With well graded materials

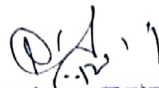
- - - All up.

$$2 \text{ No} \times 30.0 \times 3.75 \times 0.100 = 22.50 \text{ m}^3$$

Ram N  
28-06-20  
jt

28/6/20  
RE

Certified that this M.O. Contain  
10 (One hundred) Pages by Printers-  
Machine and Issued to Sri Lal  
Bahadur pd. A.E. R.W.D. Wany Sub-  
Div. Baran.

  
Executive Engineer  
Road Works Divn. of  
Road Division, Aurangabad  
5/12/19

Schedule A.C.V. Form No. 100.

E.E. Aurangabad. Division.

A.E. Baran. Sub-Division.

MEASUREMENT BOOK.

221126

2506

Sri Lal Bahadur pd. A.E. Baran.

Date of first entry

Date of last entry

पं.प्र. नं. ११२ व. १११

Agency - Ram Mandal Singh

Jagat Bighat Company (17.17.5.8.4)

Schedule XIV - Rule 134

10.10.19

BIHAR P. W. D.

E. E. R. W. D. WORK Arrangabad DIVISION

Assistant Engineer. Road and Division

Working Sub. Division - Bahun

MEASUREMENT BOOK

No. 10-72506